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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/560,109 Confirmation No.: 3400
First Named Inventor: Sallaway, Peter J. Filing Date: 28 April 2000
Group Art Unit: 2734 Examiner: Tran, K.
Atty. Docket No.: M-5628 US
Title: Detector For A Gigabit Ethernet Receiver
Assignee(s): National Semiconductor Corporation

Mountain View, California
15 September 2003

COMMISSIONER FOR PATENTS
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AMENDMENT

Sir:

Responsive to the Office Action mailed 13 May 2003, please amend the above patent application in the following manner.

IN THE SPECIFICATION

Page 3, amend the paragraph beginning at line 9 as follows:

In Gigabit Ethernet over twisted pair Category-5 cabling, for example, PAM-5 data can be transmitted over four twisted copper pairs ~~pair~~ at an individual twisted pair baud rate of 125 Mbaud. In PAM-5, data is sent with 5 voltage levels, designated as symbol alphabet {A} = {-2, -1, 0, 1, 2} although the actual voltage levels may be different from those. Each symbol, therefore, can be used to code more than one bit of data.

Ronald J. Meetin
Attorney at Law
210 Central Avenue
Mountain View, CA
94043-4869
Tel.: 650-964-9767
Fax: 650-964-9779